FIG. 1A

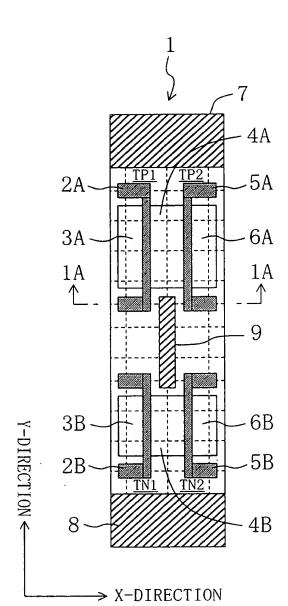
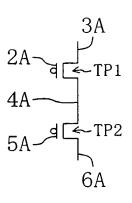


FIG. 1B



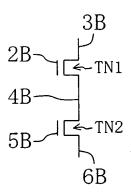


FIG. 1C

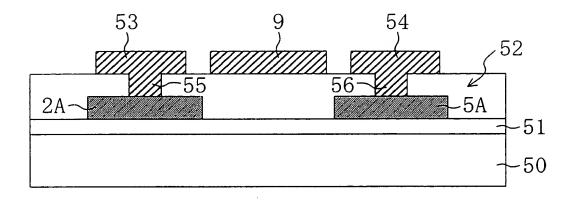


FIG. 1D

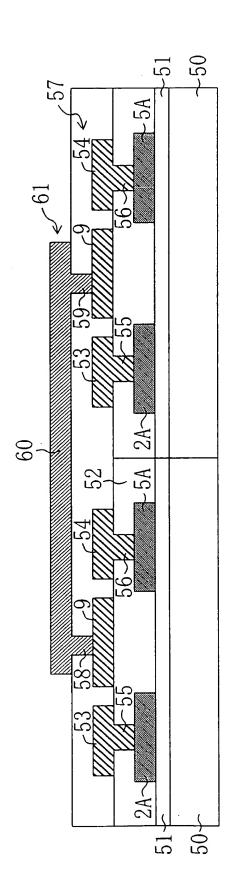


FIG. 1E

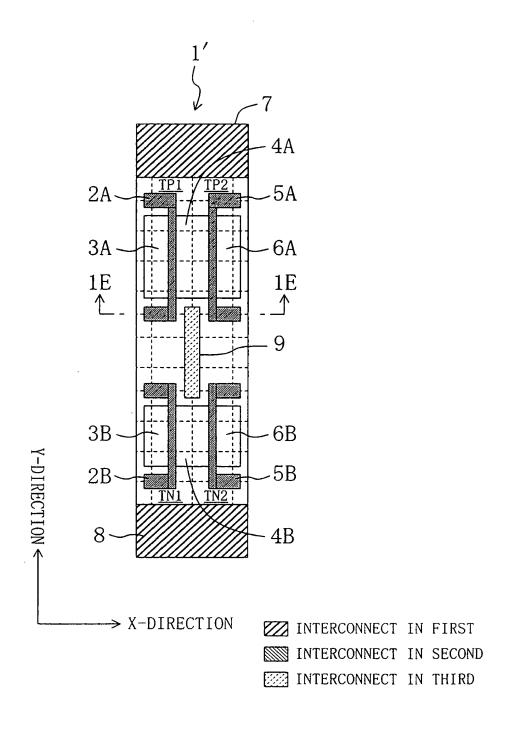
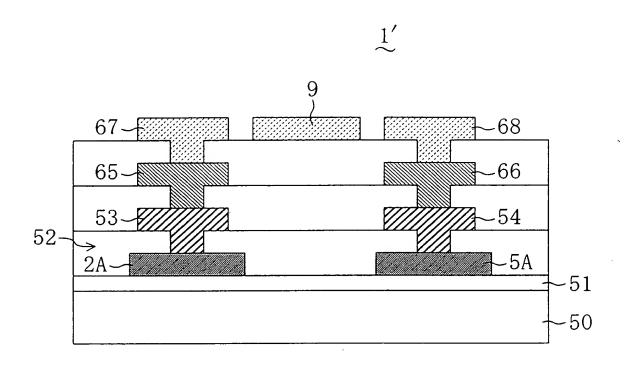
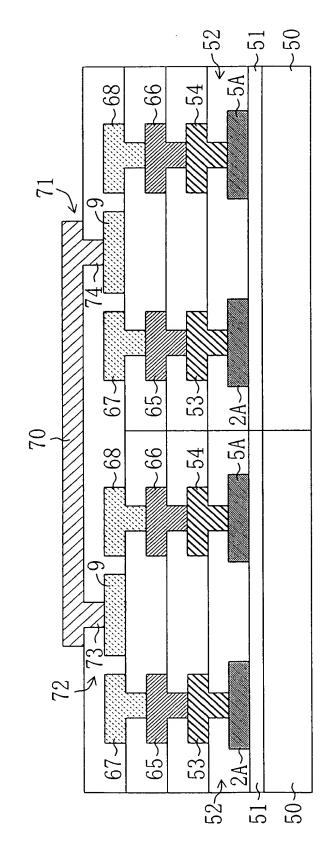


FIG. 1F



- INTERCONNECT IN FIRST
- INTERCONNECT IN SECOND
- INTERCONNECT IN THIRD

FIG. 1G

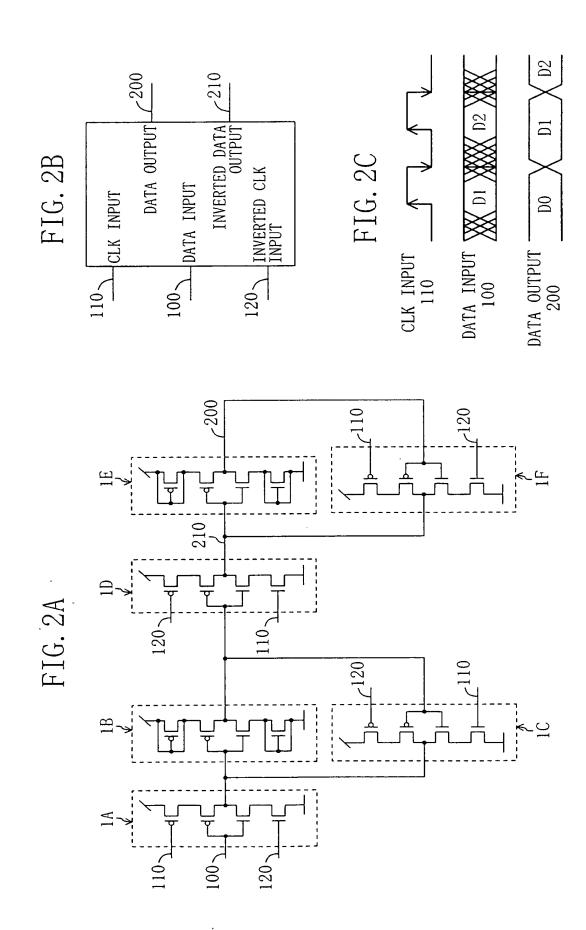


ZZ INTERCONNECT IN FIRST

INTERCONNECT IN SECOND

[73] INTERCONNECT IN THIRD

INTERCONNECT IN FOURTH



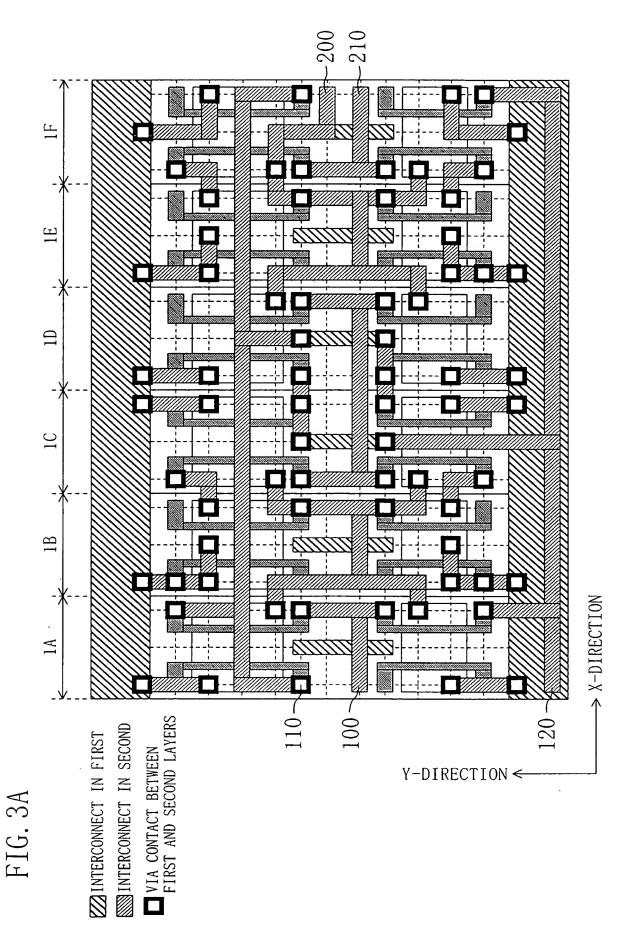
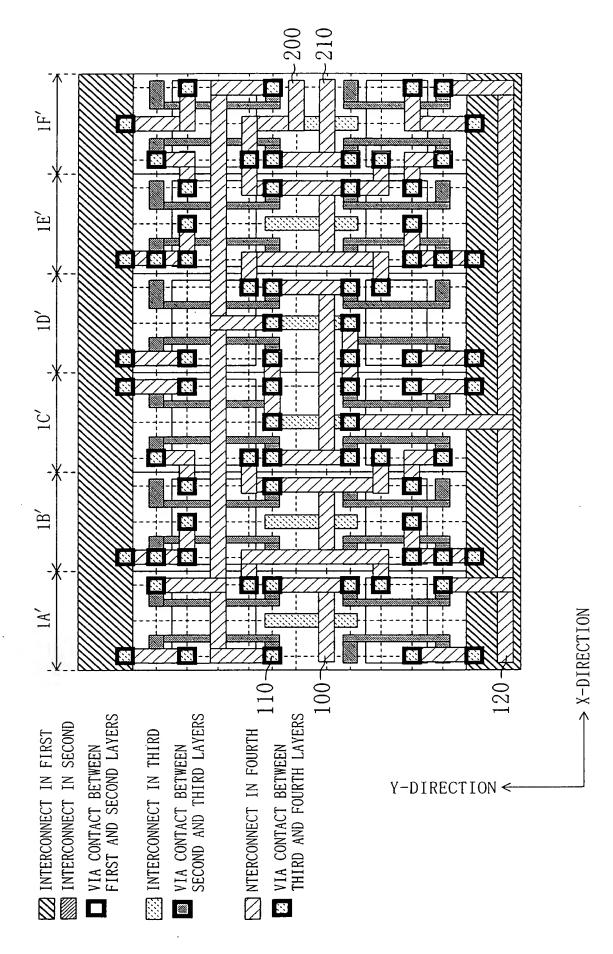
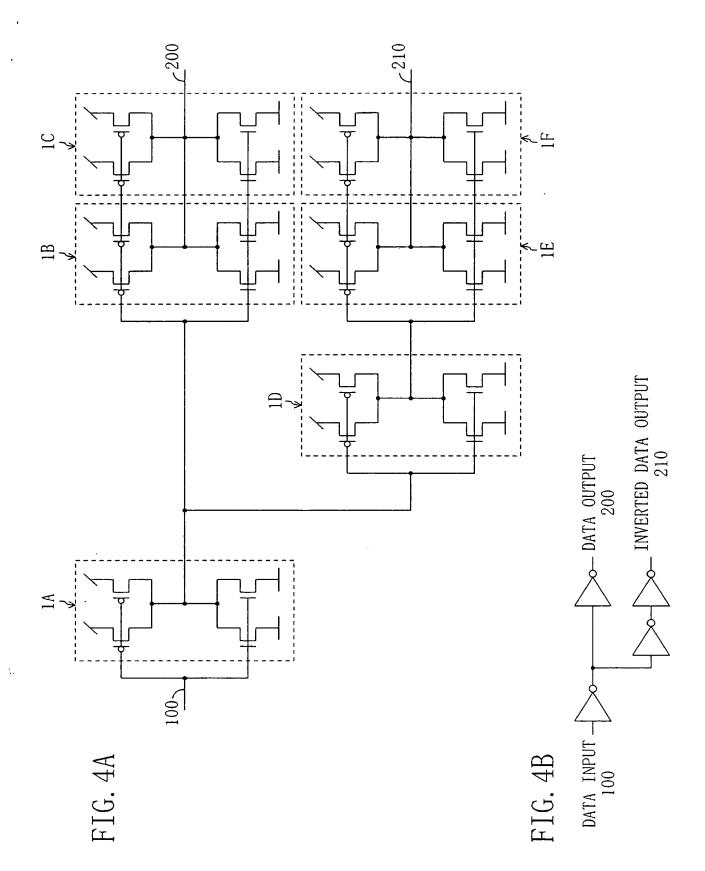


FIG. 3B





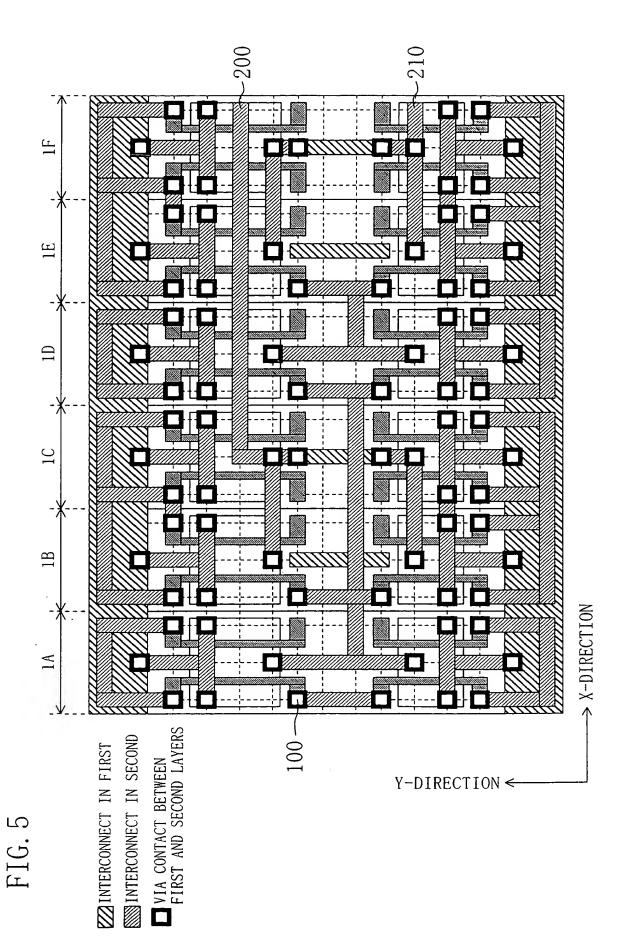


FIG. 6A

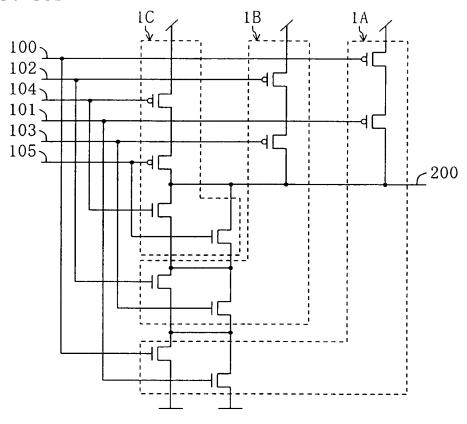


FIG. 6B

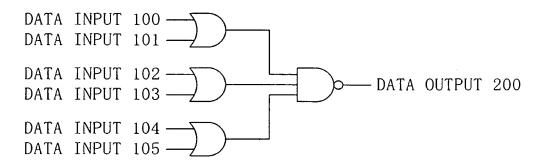


FIG. 7

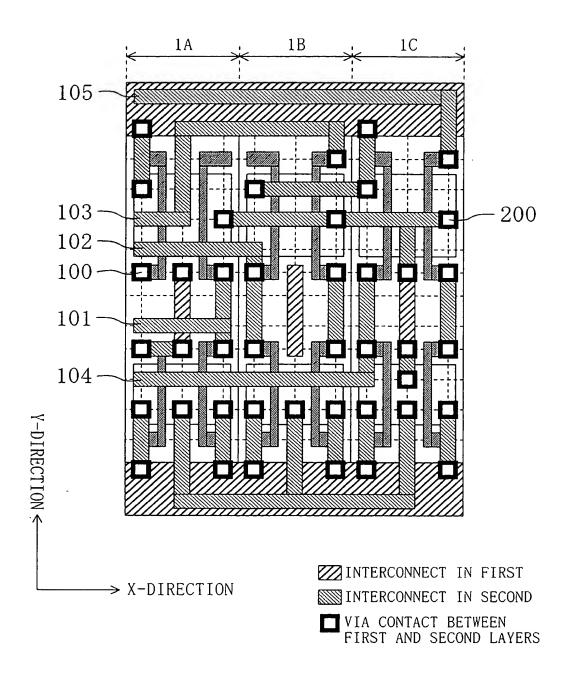
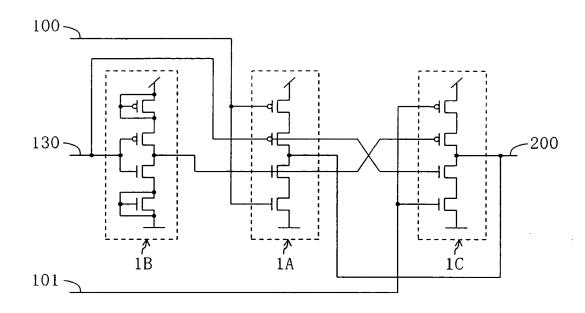
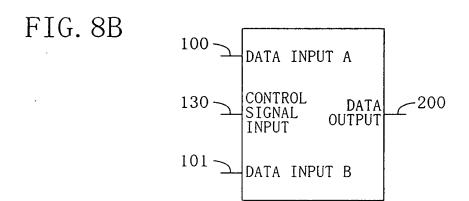


FIG. 8A





WHEN CONTROL SIGNAL IS "H", DATA OUTPUT = DATA INPUT B
WHEN CONTROL SIGNAL IS "L", DATA OUTPUT = DATA INPUT A

FIG. 9

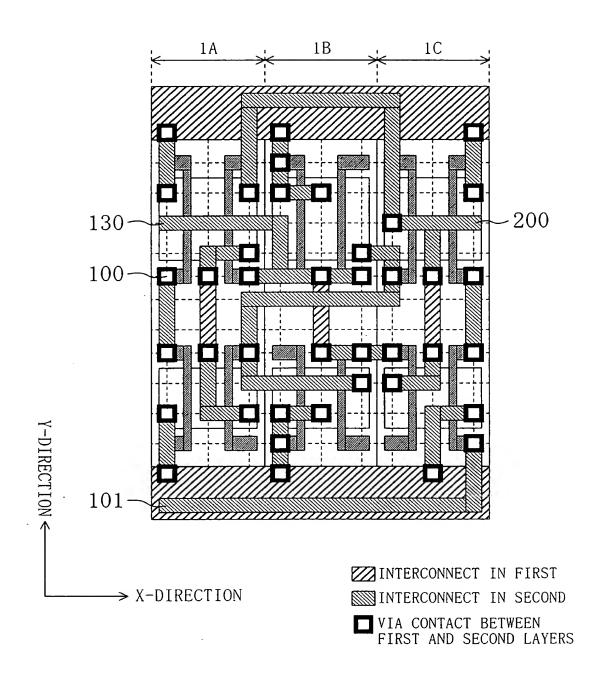
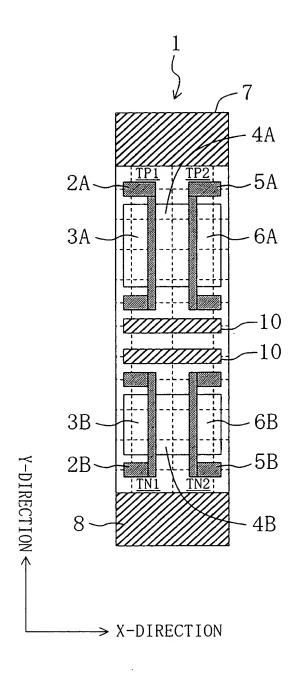
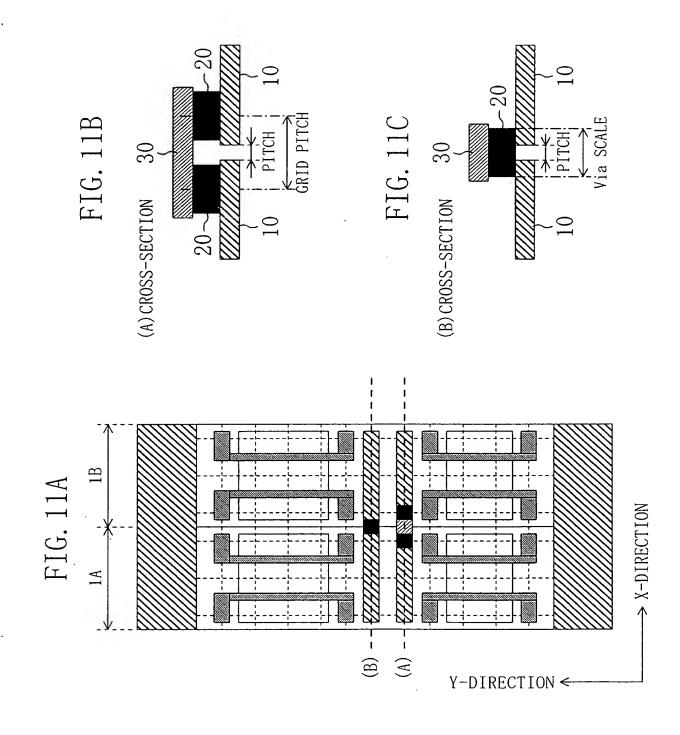
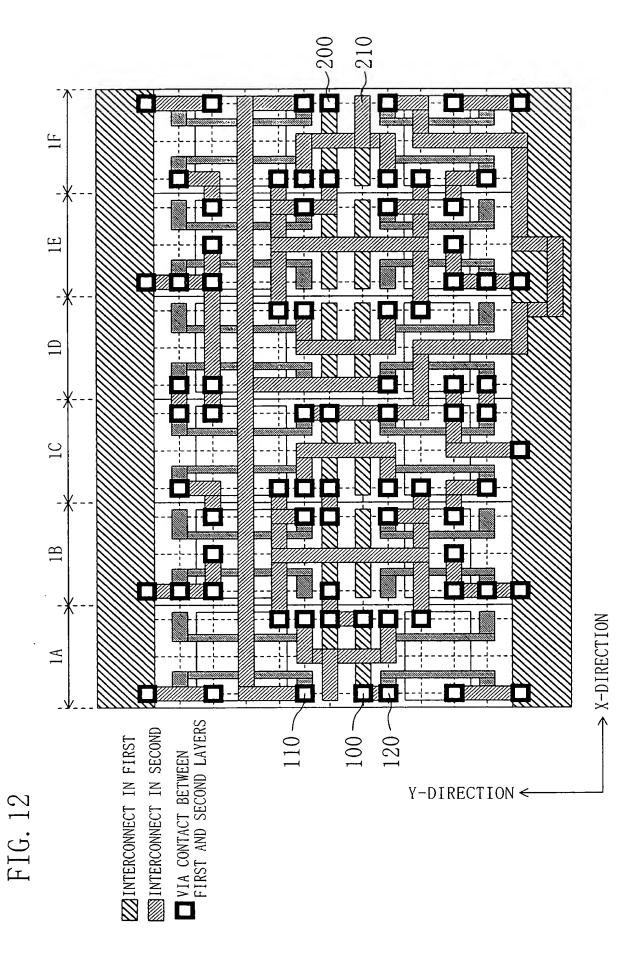


FIG. 10







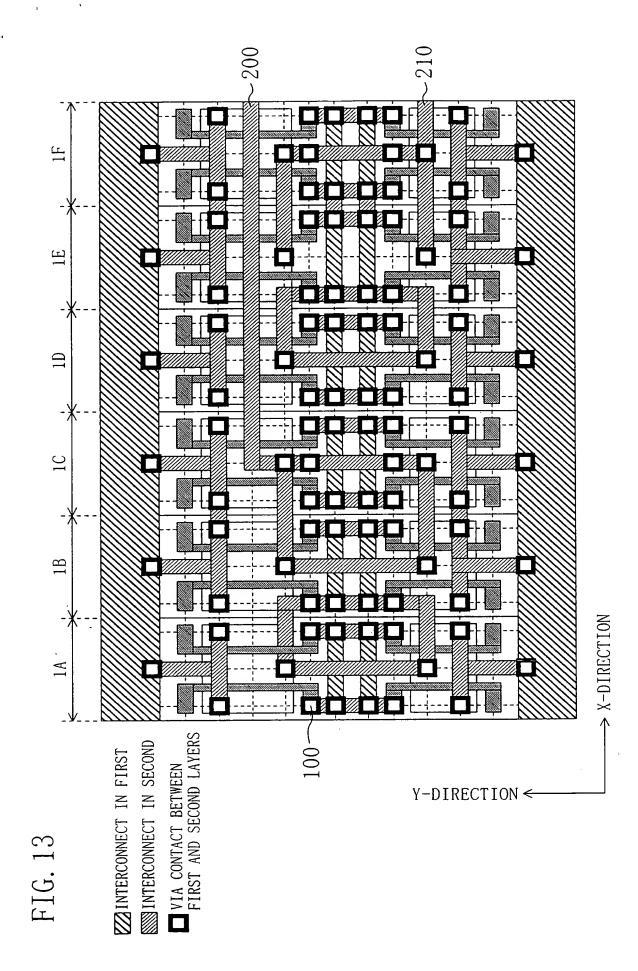


FIG. 14

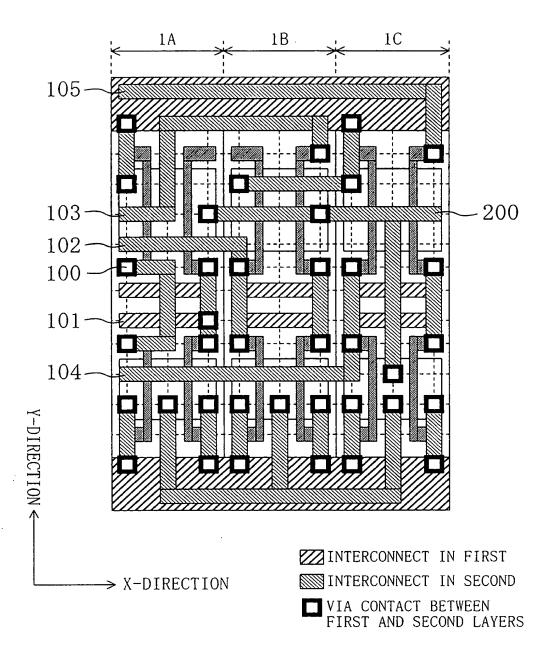


FIG. 15

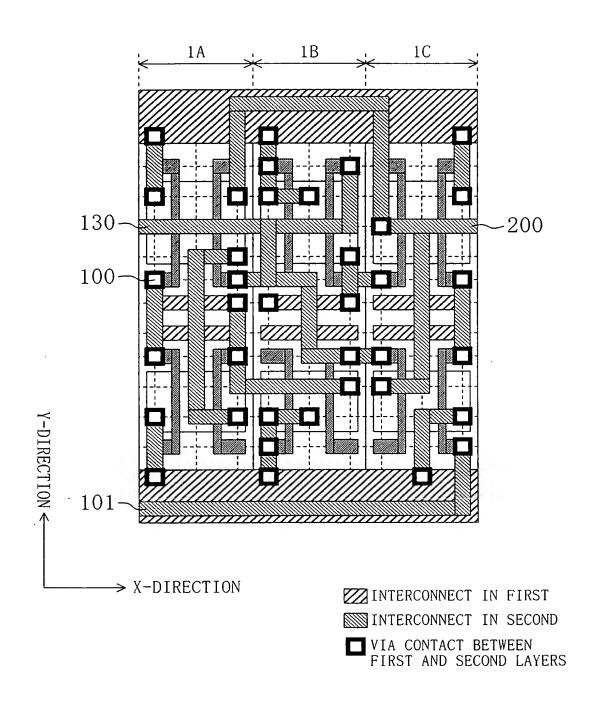
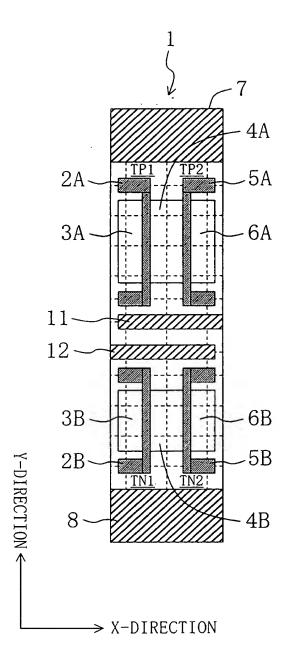
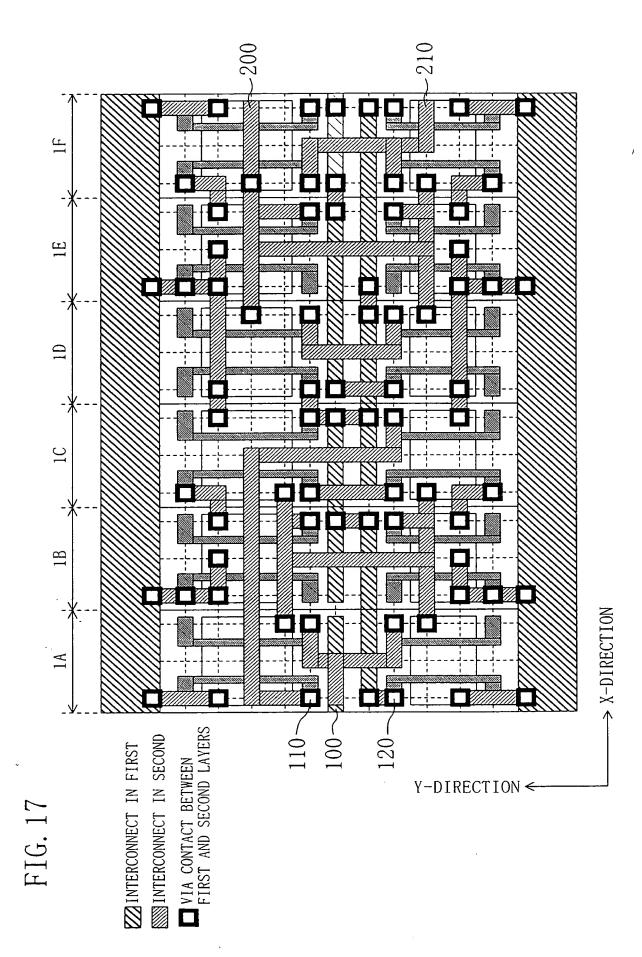


FIG. 16





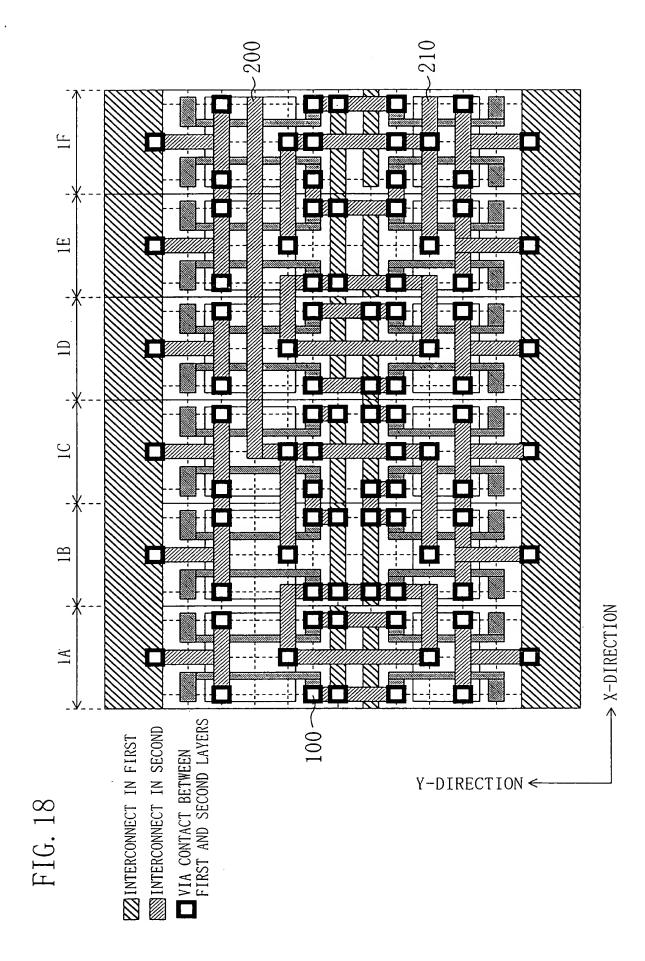


FIG. 19A

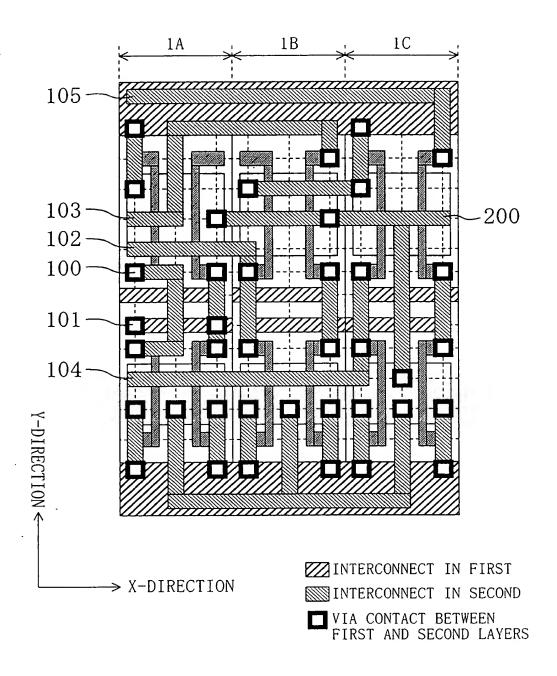


FIG. 19B

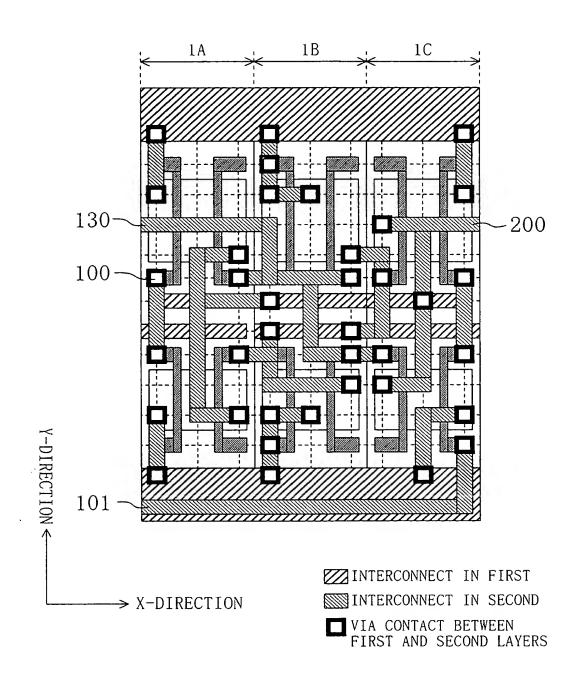


FIG. 20A

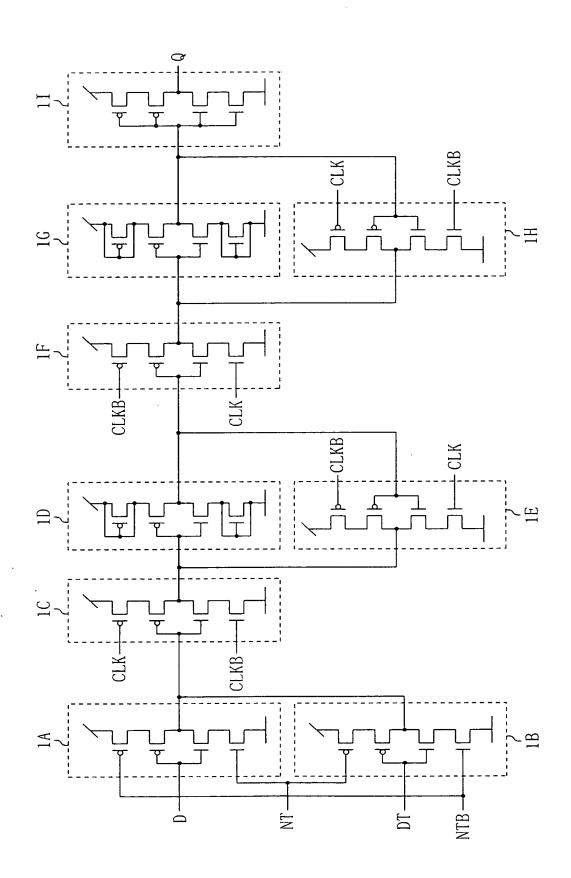


FIG. 20B

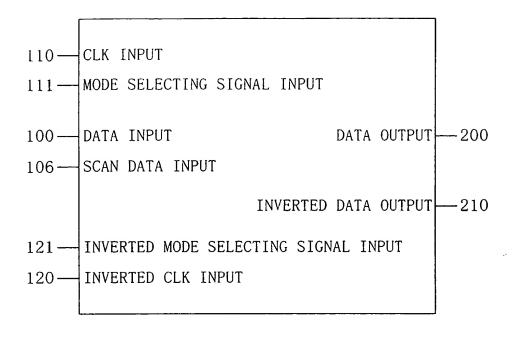


FIG. 20C

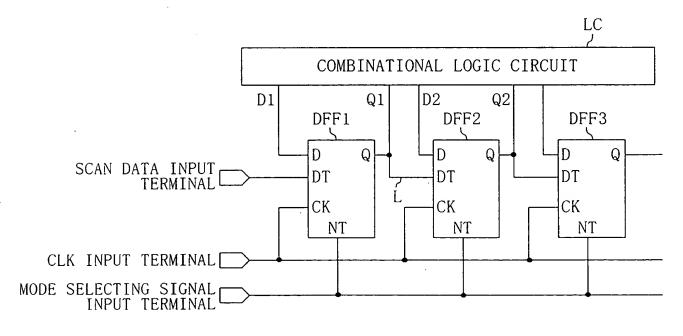


FIG. 20D

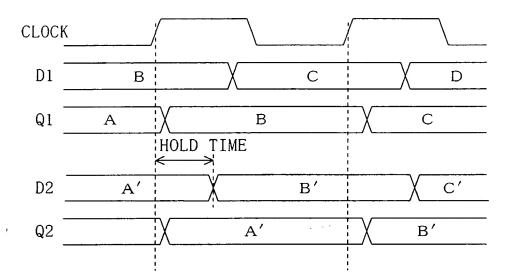


FIG. 20E

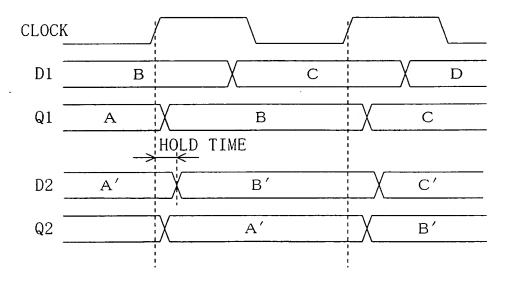
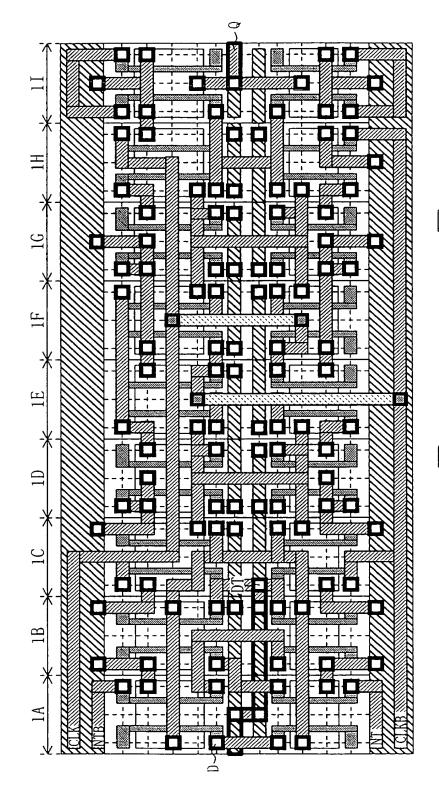


FIG. 20F



ZZ INTERCONNECT IN FIRST

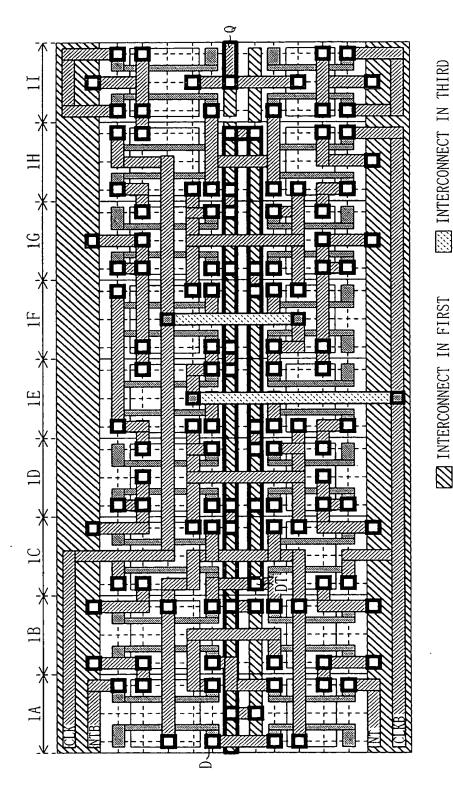
INTERCONNECT IN SECOND

VIA CONTACT BETWEEN FIRST AND SECOND LAYERS

[23] INTERCONNECT IN THIRD

■ VIA CONTACT BETWEEN SECOND AND THIRD LAYERS

FIG. 20G

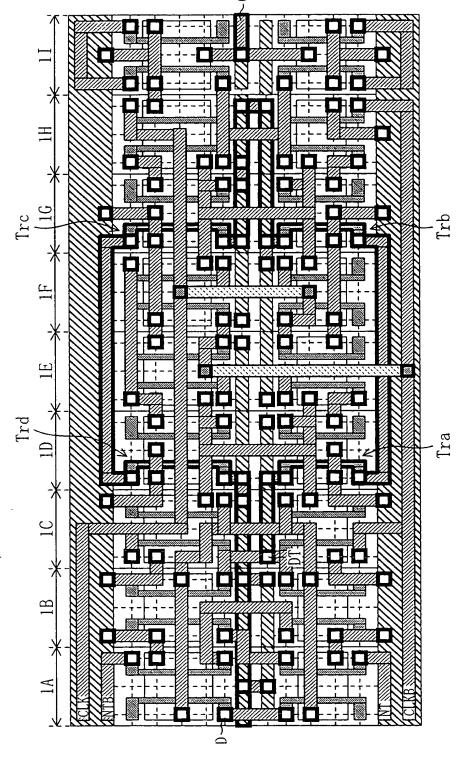


ZZ INTERCONNECT IN FIRST

☐ VIA CONTACT BETWEEN FIRST AND SECOND LAYERS INTERCONNECT IN SECOND

■ VIA CONTACT BETWEEN
SECOND AND THIRD LAYERS

FIG. 20H



ZZ INTERCONNECT IN FIRST

INTERCONNECT IN SECOND

[ INTERCONNECT IN THIRD

■ VIA CONTACT BETWEEN FIRST AND SECOND LAYERS

SECOND AND THIRD LAYERS

FIG. 21

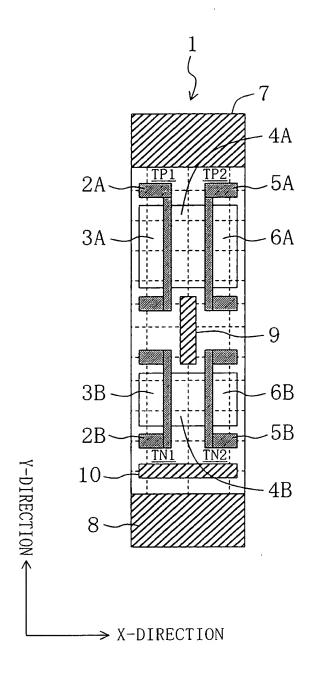
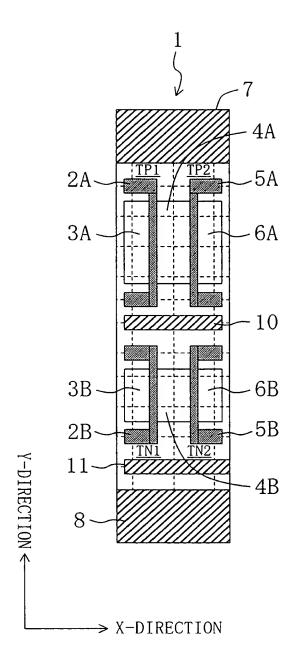


FIG. 22



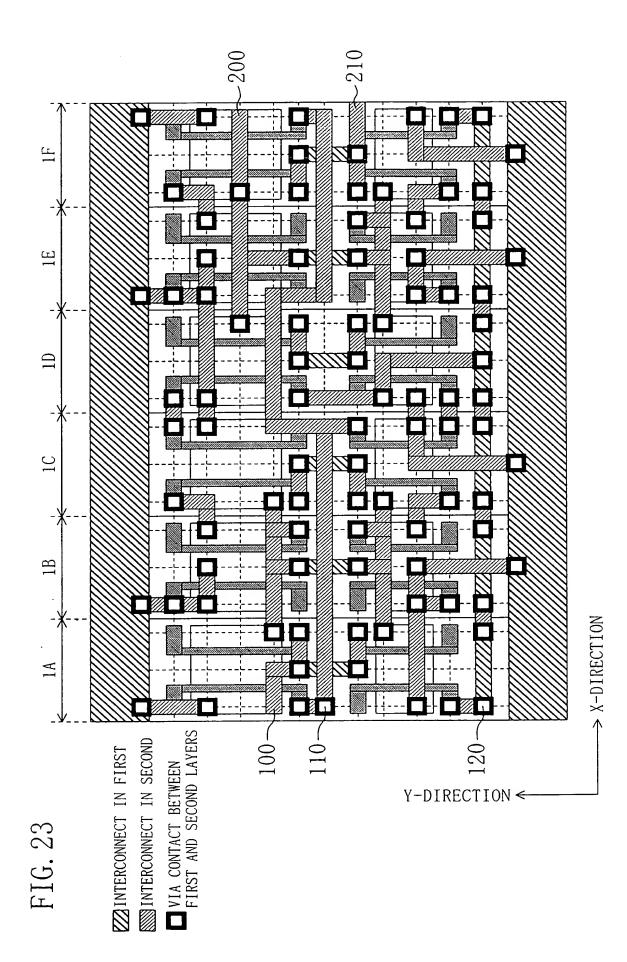
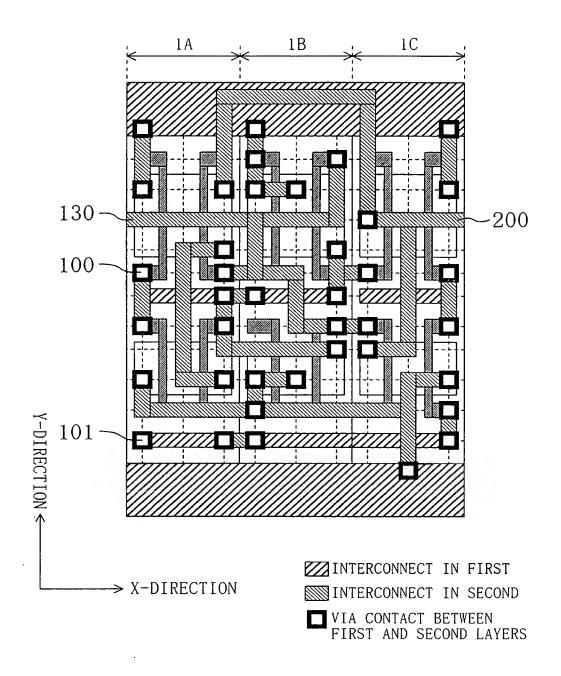


FIG. 24



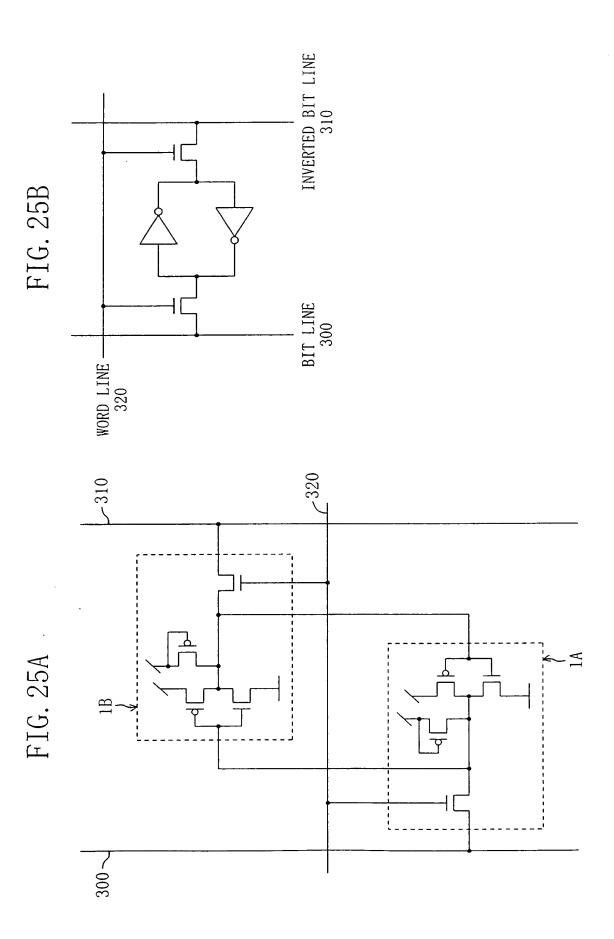


FIG. 26

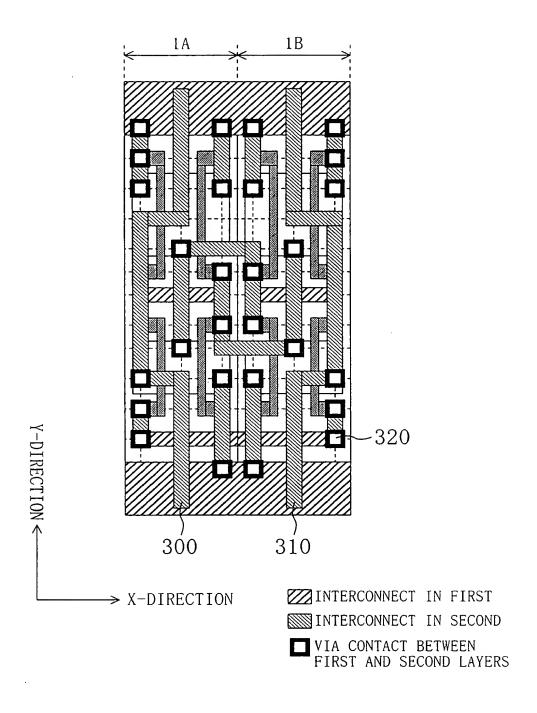
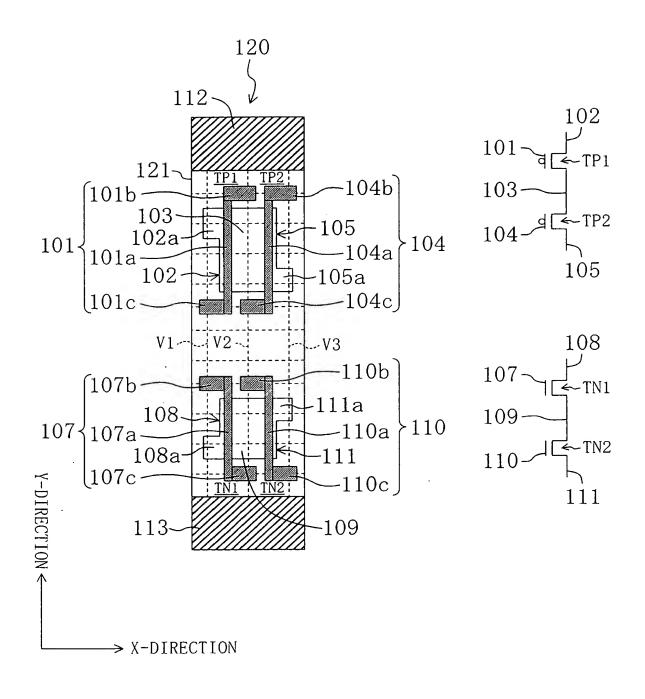
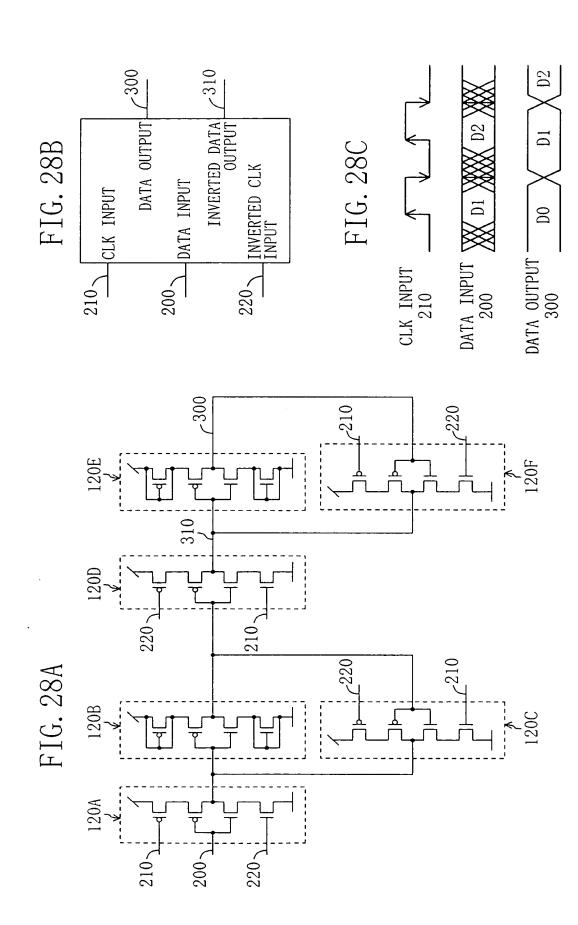


FIG. 27A

FIG. 27B





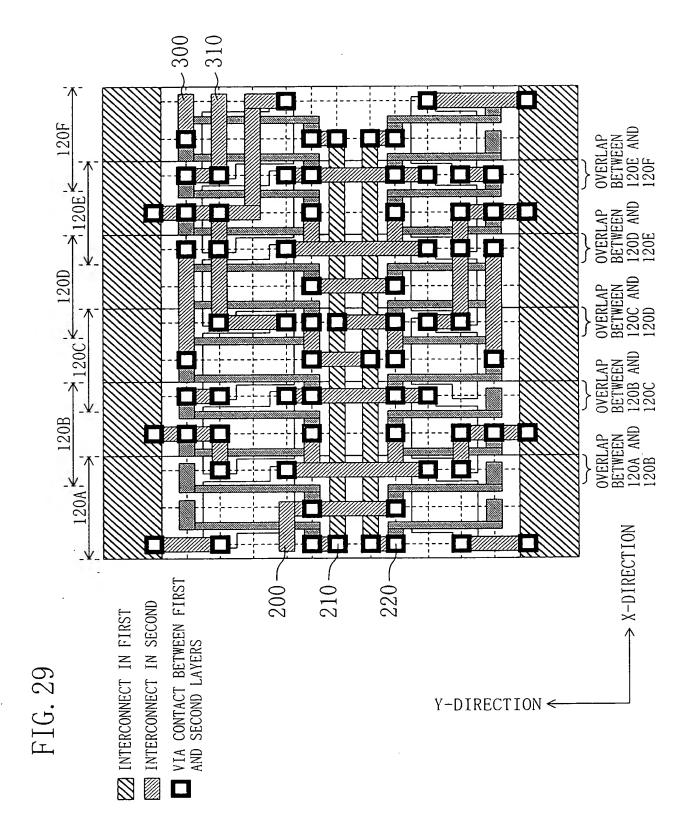
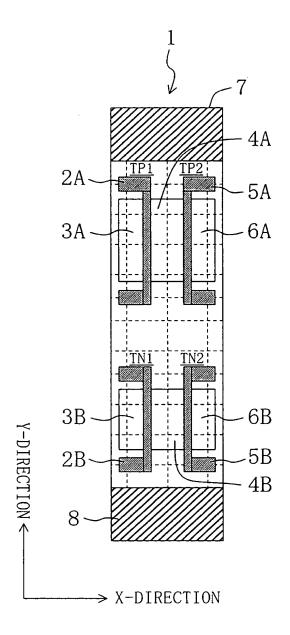
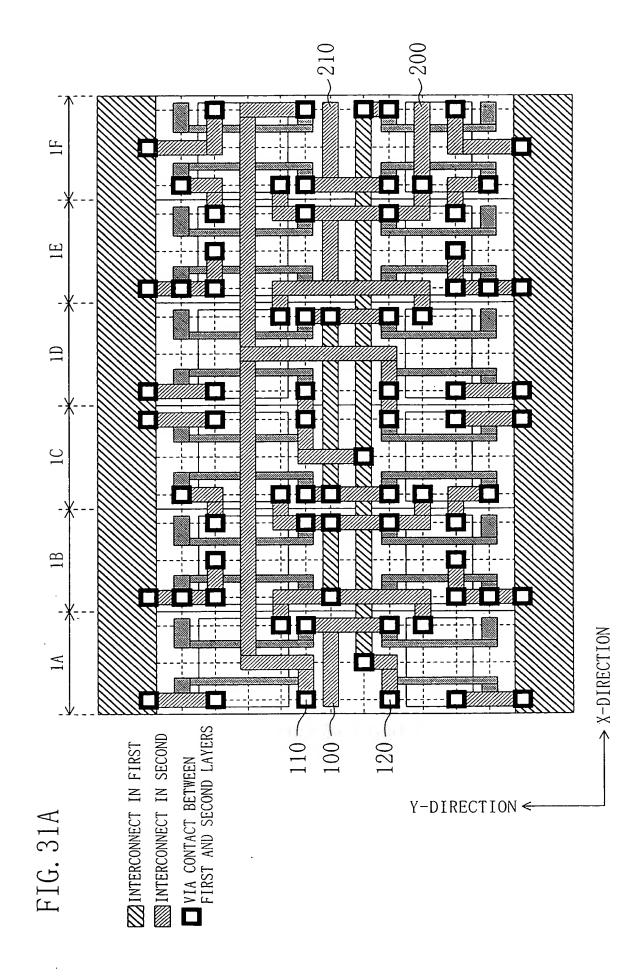


FIG. 30





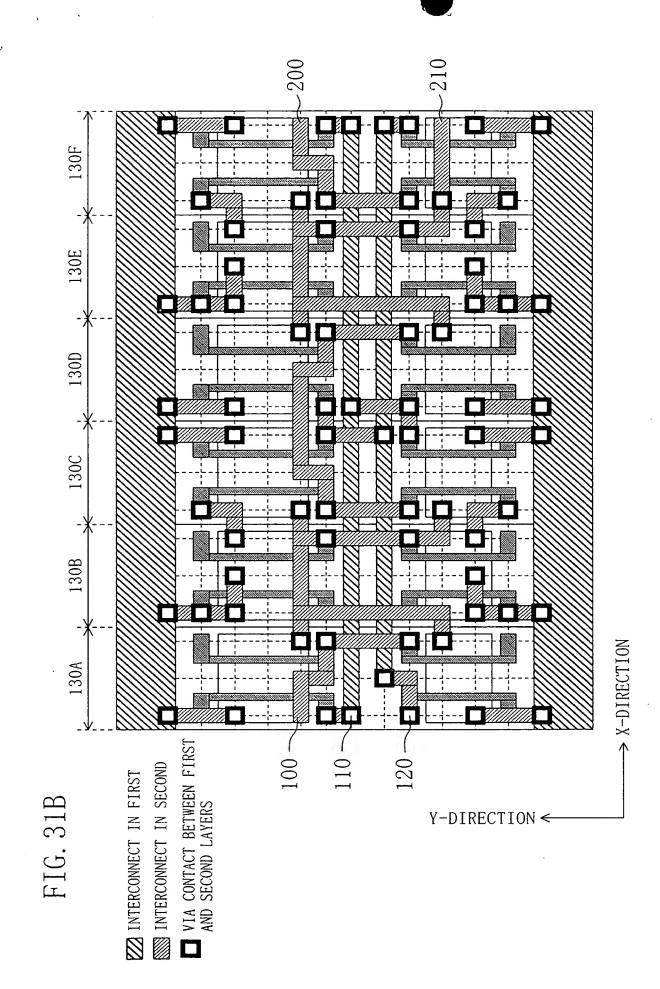
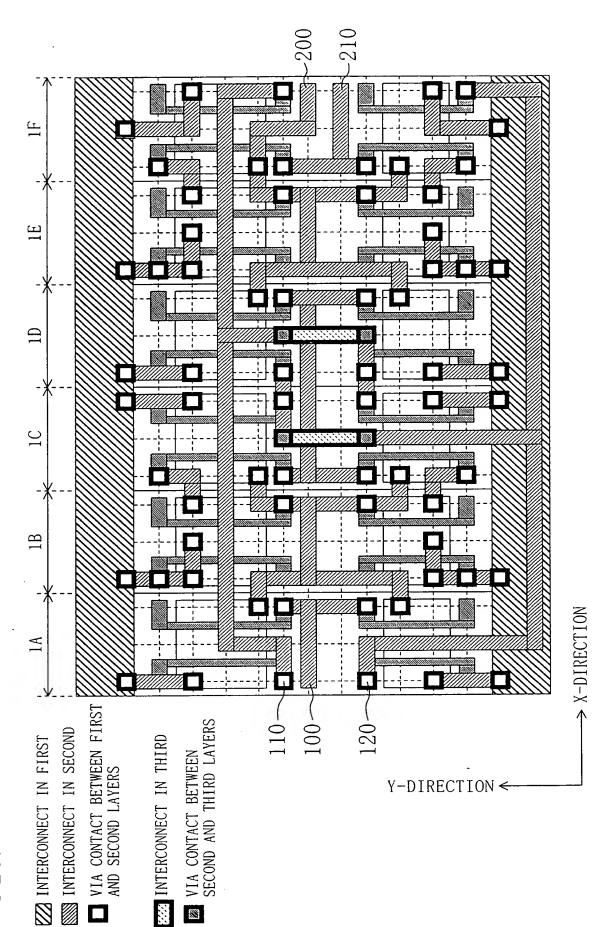
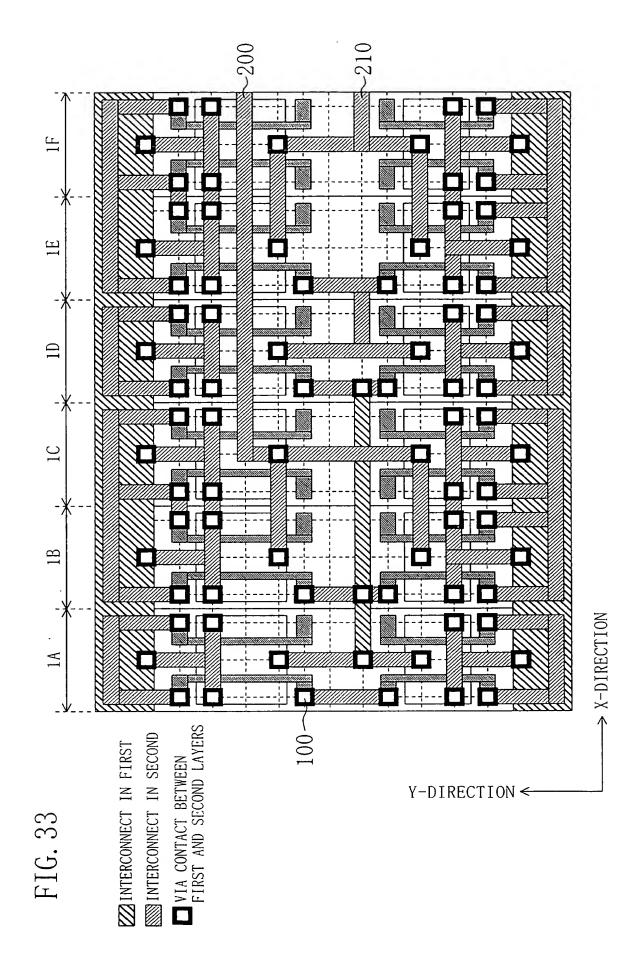


FIG. 32





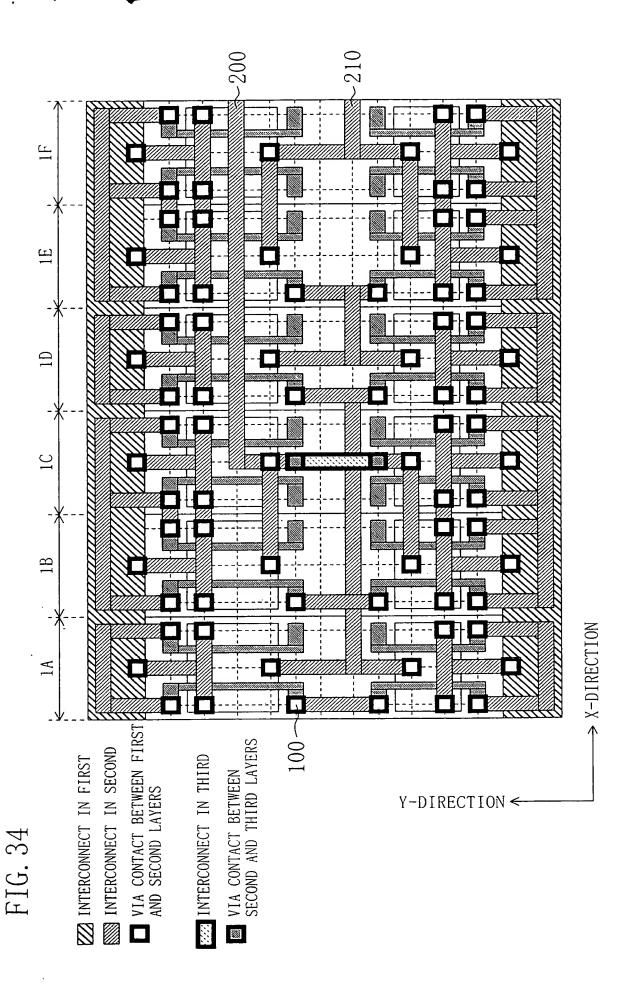


FIG. 35

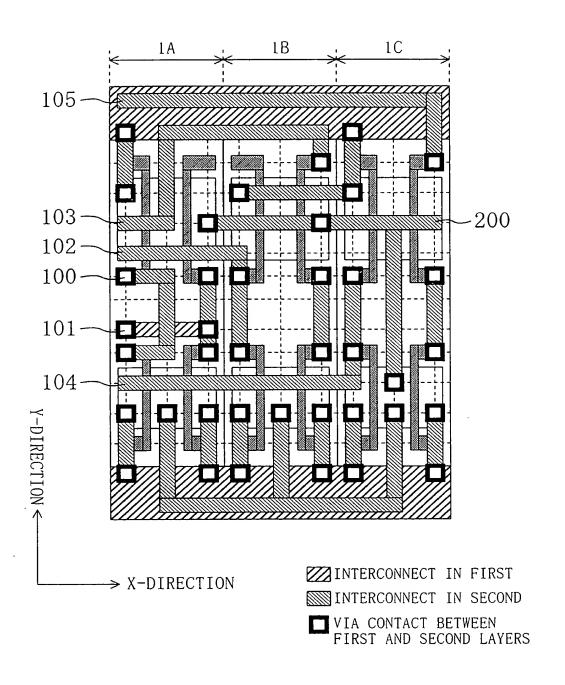


FIG. 36

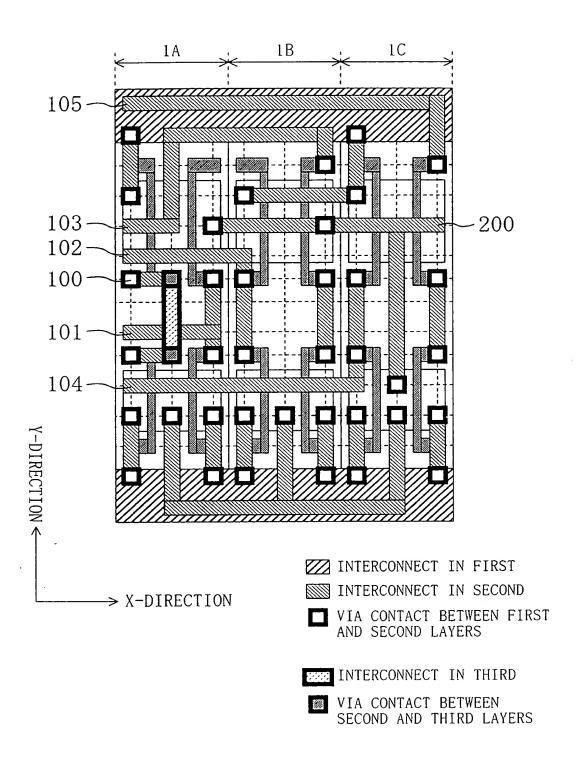


FIG. 37

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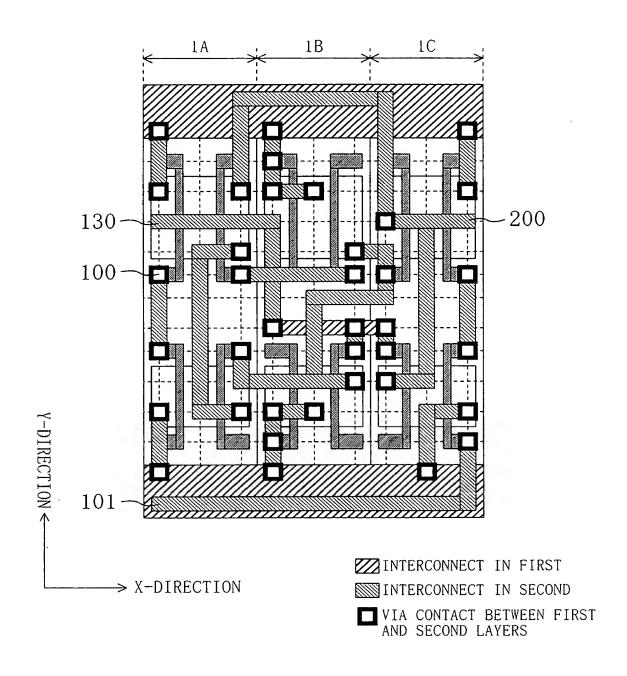


FIG. 38

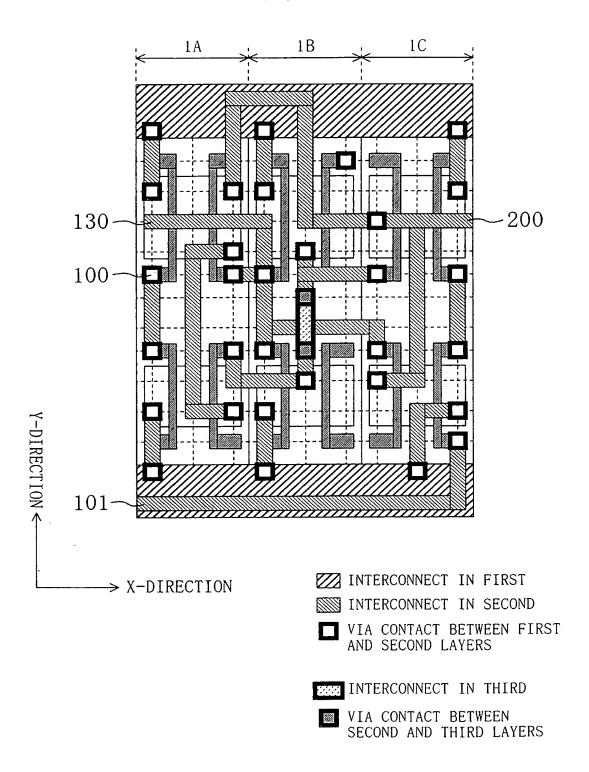


FIG. 39

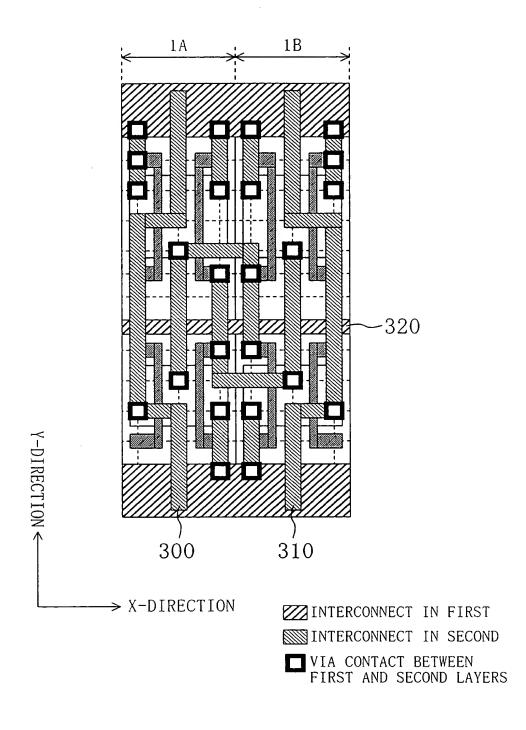
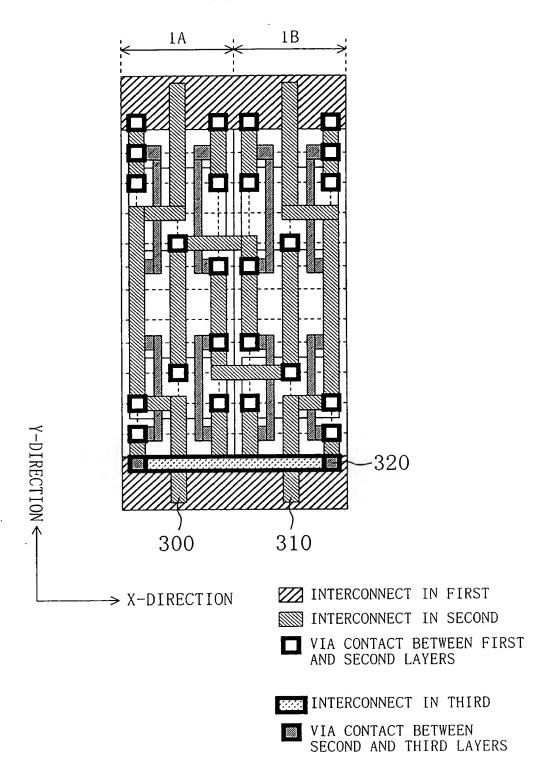
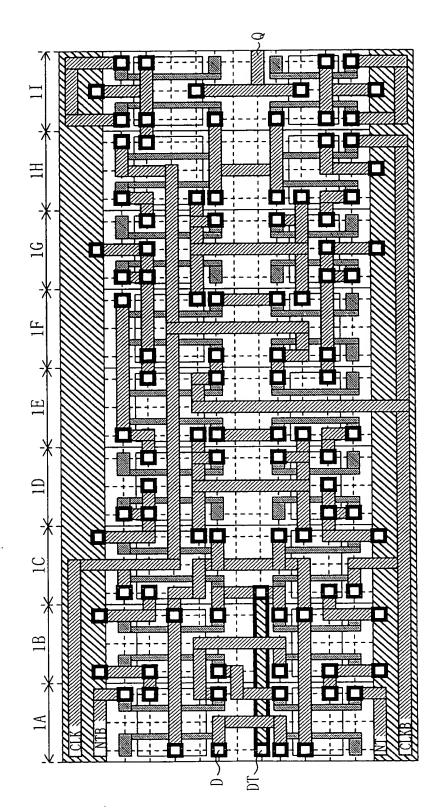


FIG. 40







INTERCONNECT IN FIRST

INTERCONNECT IN SECOND

UIA CONTACT BETWEEN FIRST AND SECOND LAYERS